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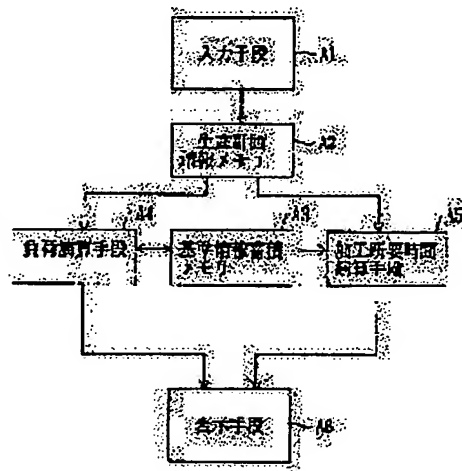
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(54) WORK LOAD DISPLAYING METHOD (1/2)

(57)Abstract:

PURPOSE: To improve accuracy and quickness of work load management, in a work load displaying method suitably used for line management wherein both kind and production quantity are changed for many sorts of product.

CONSTITUTION: A work load displaying method can be executed under provision of an input means A1 in which production schedule information is input, a production schedule information memory A2 for storing production schedule information, a reference information accumulating memory A3 in which various kinds of production schedule information are previously stored and accumulated, a load calculating means A4 for producing load information data by calculating a manhour load and mechanical load required for processing a work respectively, a required process time calculating means A5 for calculating the periods of time required for respective processes to be applied to the work and a display means A6. Moreover, discrimination display for determining which is higher, the manhour load or the mechanical load, is carried out for very 2 one consisting of single or a plurality of processes, while a period of time required for processing calculating by the required time calculating means A5 is piled in order of grade of priority of the process and displayed in the form of bars in a field corresponding to a process completion scheduled date of the work.



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CLAIMS

[Claim(s)]

[Claim 1] The workload means of displaying which is equipped with the following and carries out [accumulating the processing duration calculated by this processing duration operation means at order with the high priority of a process on the column applicable to the processing scheduled completion date of the above-mentioned work, and indicating by the bar, while performing a discernment display for every zone constituted / whether which of the man day load and the mechanical load calculated by the above-mentioned load operation means has a high load, and / by the singular number or two or more processes, and] as the feature. At least, it is processing scheduled-completion-date data of a work. Discernment data which discriminate this work. An input means by which the production-planning information possessing the conventional-time data in which the time which processing of this work takes in each process carried out by this work is shown is inputted. The production-planning information memory which memorizes the production-planning information inputted from this input means, The criteria information storage memory by which the production-planning information over various works is memorized and accumulated beforehand, A load operation means to calculate the man day load and mechanical load which processing of this work takes based on the various data memorized by this production-planning information memory, respectively, and to generate load information data, A processing duration operation means to calculate the duration of each process carried out by this work based on each data memorized by this production-planning information memory and criteria information storage memory, and a display means to display the calculated result.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] this invention relates to workload means of displaying, especially is used for the line management to which it is many forms and a kind and the quantity of production are changed, and relates to suitable workload means of displaying.

[0002]

[Description of the Prior Art] For example, in an automobile production line, many processing processes are carried out to a work. In such a line, it is important to perform economical and efficient production control. In the line by which multi-form variety variate production is especially carried out like recent years, it becomes more important than the field which raises productive efficiency how since a process becomes complicated and the kind of work also serves as a variety, a process is controlled correctly.

[0003] A load management occurs as one of the meanses which performs this production control. This load management finds the time which each process carried out to a work takes, operation adjustment, a manning schedule, etc. of a general-purpose machine group are performed based on this, and, thereby, improvement in productive efficiency is achieved.